



— BUREAU OF —
RECLAMATION

Bipartisan Infrastructure Law Western Water Infrastructure

Public Law 117-58

Listening Session 1 of 3

Listening Session

December 10, 2021

Safety of Dams

WaterSMART Programs

Colorado River DCP & Endangered Species Recovery



Current Dam Safety Projects

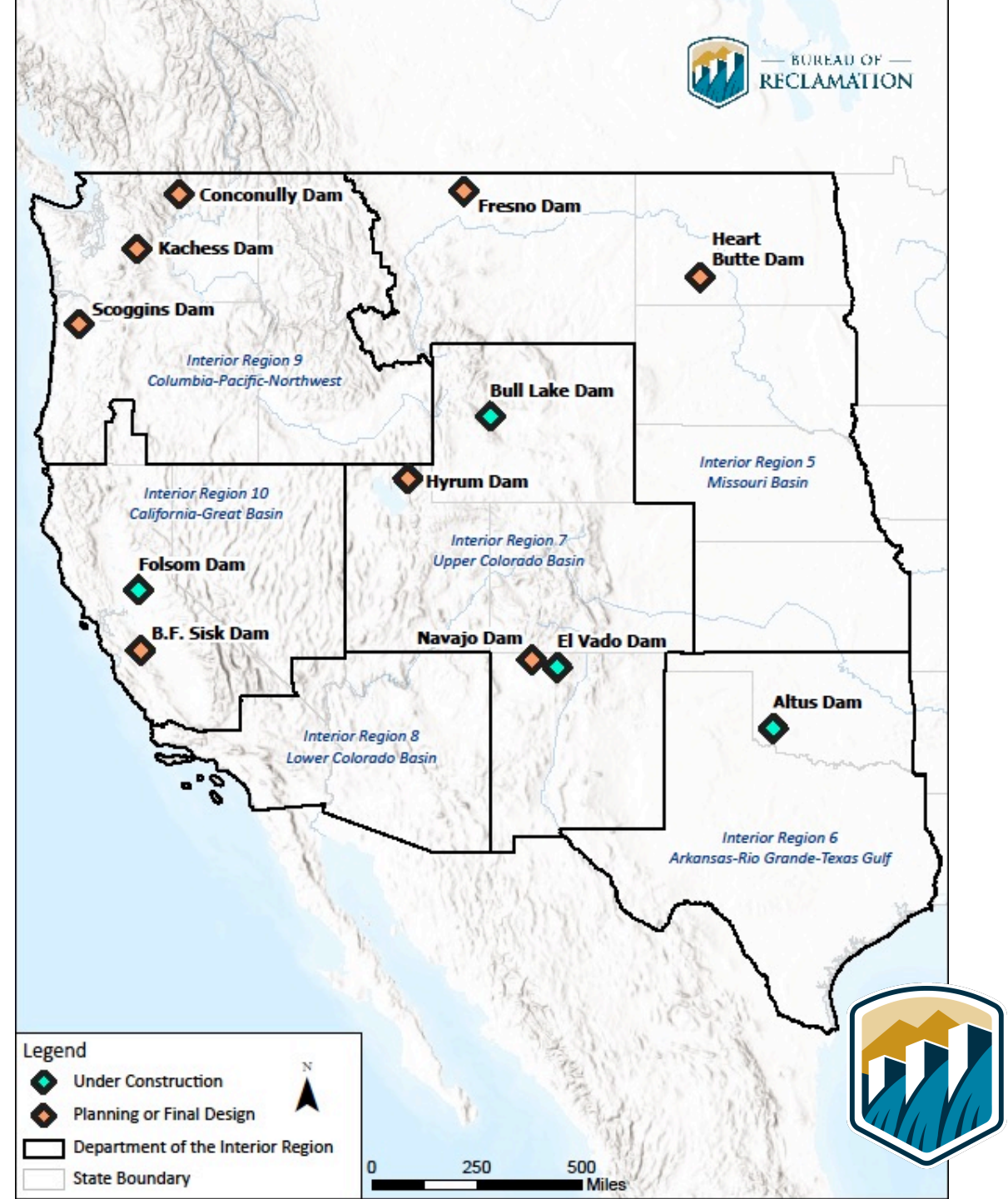
- Estimated risks exceed the Federal Guidelines for dam safety at 12 dams
- 9 construction projects scheduled

Funding

• \$500.0M

Section

• 40901(6)



Infrastructure Funding for WaterSMART & Aquatic Ecosystems

WaterSMART Programs Receiving Infrastructure Funding

Program Area	Funding Amount	Activities Funded
WaterSMART Grants	\$400 million	Water conservation and efficiency, renewable energy, natural and nature-based features
Title XVI Water Reclamation and Reuse Program	\$550 million	Water Recycling
Large Scale Water Recycling	\$450 million	Water Recycling
Desalination Projects	\$250 million	Ocean and Brackish Water Desalination
Cooperative Watershed Management Program	\$100 million	Watershed planning and restoration projects for watershed groups
Aquatic Ecosystems Restoration and Protection Projects	\$250 million	Aquatic ecosystem restoration and protection projects to improve habitat
Multi-Benefit Projects to Improve Watershed Health	\$100 million	Restoration projects to improve watershed health



Title XVI

Water Reclamation and Reuse Projects

Eligible Project Types

- Projects that reclaim and/or reuse municipal, industrial, and agricultural wastewater; or impaired ground and surface waters.

Funding

- 75% non-Federal cost share required

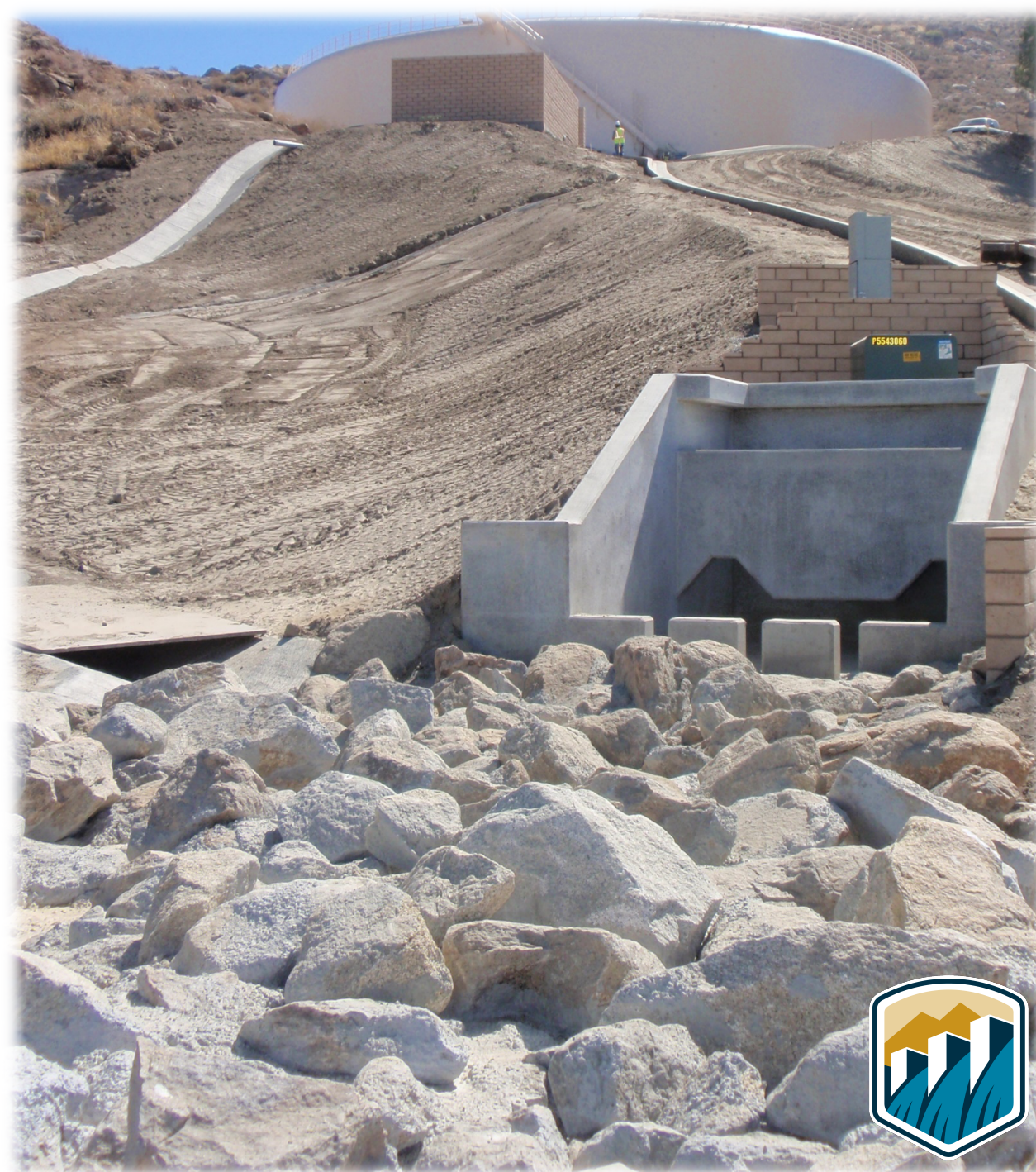
Funding opportunity expected early in calendar year 2022

Funding

• \$550.0M

Section

• 40901(4), 40905



Large Scale Water Recycling

Eligible Entity

- States, Indian Tribes, municipalities, irrigation districts, wastewater districts, or other organizations with water or power delivery authority

Eligible Projects

- Reclaim and reuse municipal, industrial, domestic, or agricultural wastewater; or impaired groundwater or surface water
- Total project cost of \$500 million or more
- Located in a Reclamation state

Funding

- 75% non-Federal cost share required

Funding

• \$450.0M

Section

• 40901(4), 40905



Water Desalination

Eligible Project Types

- Ocean or brackish water desalination projects

Funding

- 75% non-Federal cost share required

Funding opportunity expected early in calendar year 2022

Funding

• \$250.0M

Section

• 40901(5) and 40908



WaterSMART Grants

Eligible Applicants

- States, tribes, districts, local governments, nonprofits, and regional authorities, in the 17 Western States and Territories, AK, HI and PR

Eligible Project Types

- Water Conservation Projects
 - E.g., Canal lining/piping, municipal metering, irrigation flow measurement, and landscape irrigation measures.
- Renewable Energy Projects
 - Hydropower
 - Solar, wind energy
- Small-Scale Water Efficiency Projects

Funding

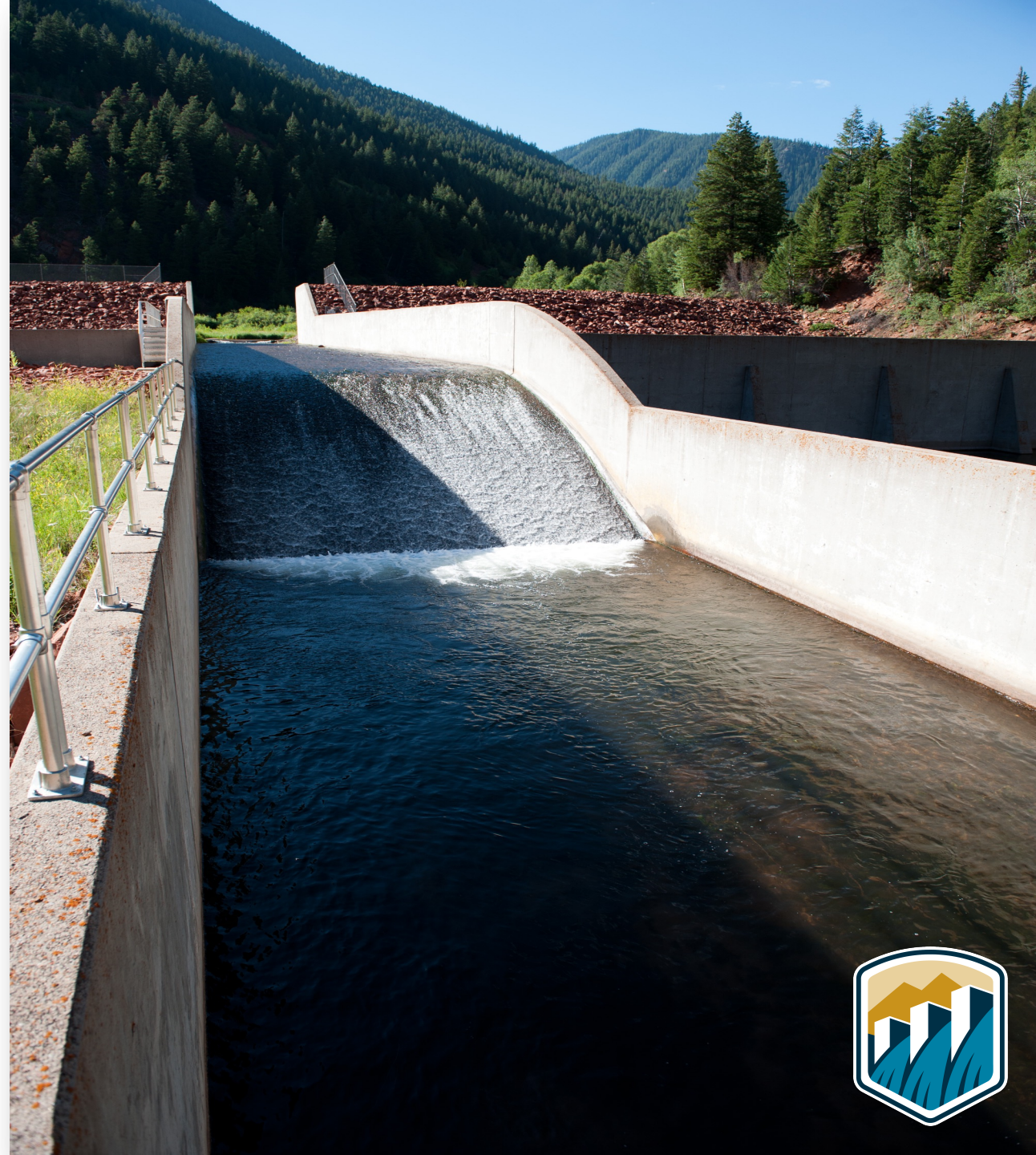
- Non-Federal Cost Share: 50% or greater

Funding

• \$400.0M – also on next slide

Section

• 40901(7)



Environmental Water Resources Projects

Eligible Project Types

- Water conservation and efficiency projects that increase reliability for ecological values
- Improvements to mitigate drought-related impacts to ecological values
- Watershed management or restoration projects benefitting ecological values
- Projects to improve the condition of a natural feature or nature-based feature

Funding

- Federal funding comes from WaterSMART Grants and Cooperative Watershed Management Program (CWMP)
- Non-Federal Cost Share: 25% to 50%

Funding

- \$400.0M (WaterSMART Grants)
- \$100.0M (CWMP)

Section

- 40901(7)(9)



Multi-Benefit Projects to Improve Watershed Health

Eligible Project Types

- Design, implementation and monitoring
- Habitat restoration projects that improve watershed health
- In basins impacted by a Reclamation project

Funding

- Non-Federal Cost Share: 25% or 50%

Note: This is a new competitive program currently under development

Funding	• \$100.0M
Section	• 40907 & 40901(11)



Aquatic Ecosystem Restoration and Protection Projects

Eligible Project Types

- Design, study and construct
- Aquatic ecosystem restoration and protection projects
- To improve habitat, including restoration, passage, or removal of barriers

Funding

- Non-Federal Cost Share: 35%

Note: This is a new competitive program currently under development

Funding

• \$250.0M

Section

• 40901(10)



Colorado River Basin Drought Contingency Plan (DCP)

- Goal of DCP is to reduce the risk of Lake Mead and Lake Powell reaching critically low elevations
- Key Elements of the DCP
 - Requires additional water savings contributions by Lower Basin States
 - Allows for flexibility for water storage and recovery to incentivize conservation
 - Requires Reclamation to implement programs designed to create or conserve additional water in the Lower Basin
 - Provides for Drought Response Operations and Demand Management in the Upper Basin

Funding

- \$300.0M
- \$50.0M Upper Basin DCP

Section

- 40901(8), 40906

Hoover Dam &
Lake Mead



Glen Canyon Dam &
Lake Powell



Colorado River Basin Endangered Species Recovery and Conservation Programs

- Upper Colorado Basin Programs
 - Upper Colorado River Endangered Fish & San Juan River Basin Recovery Implementation Programs
 - Glen Canyon Dam - Adaptive Management Program
- Lower Colorado Basin Programs
 - Lower Colorado River Multi-Species Conservation Program



Colorado Pikeminnow



Razorback Sucker



Bonytail



Humpback Chub



Southwestern Willow Flycatcher

Funding

• \$50.0M

Section

• 40901(12)



Questions

- Next Session is on December 17, 2021
 - BIL Sections 40902 (water storage and conveyance), 40903 (small storage and groundwater) and 40910 (aquifer storage and source substitution)
- Third Session is on January 7, 2021
 - Sections 40901 (authorization of appropriations, all), 40904 (critical maintenance/aging infrastructure), 40909 (use of coronavirus recovery funds) and Division G (Indian Water Rights Settlement Completion fund)



www.usbr.gov/bil or usbr.bil@usbr.gov



— BUREAU OF —
RECLAMATION